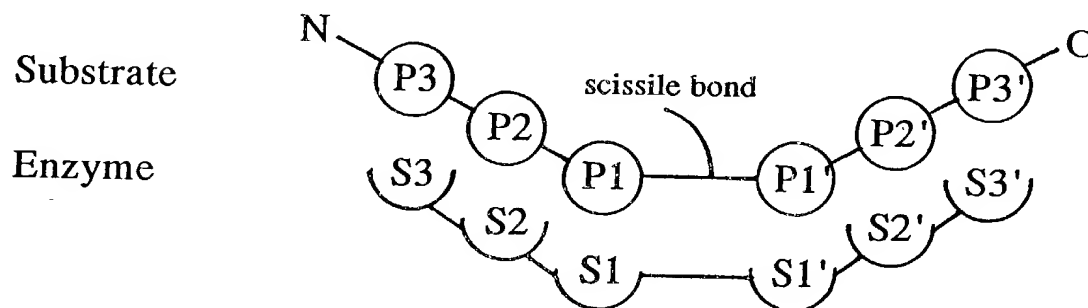




Title: Trypsin Substrates and Assays for Trypsin Activity Using Same  
Applicant: NILES et al.  
Serial No: 09/955,639  
Att. Docket No.: 34506.115

## THE SHECTER & BERGER NOMENCLATURE



**Fig. 1**

Human  $\beta$ -I Tryptase  
P1-Diverse Library Ac-X4-ACC

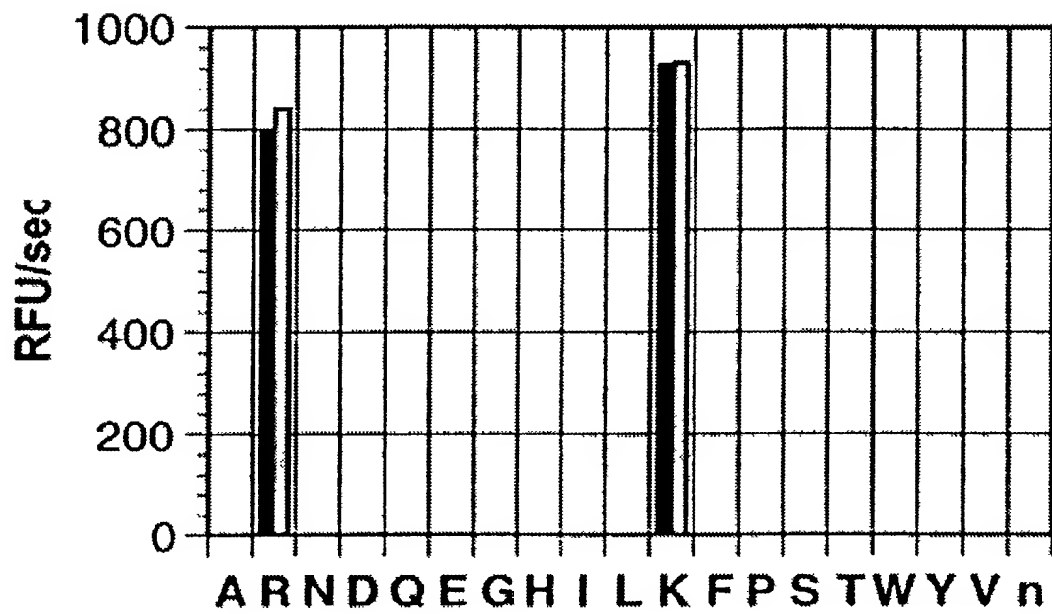
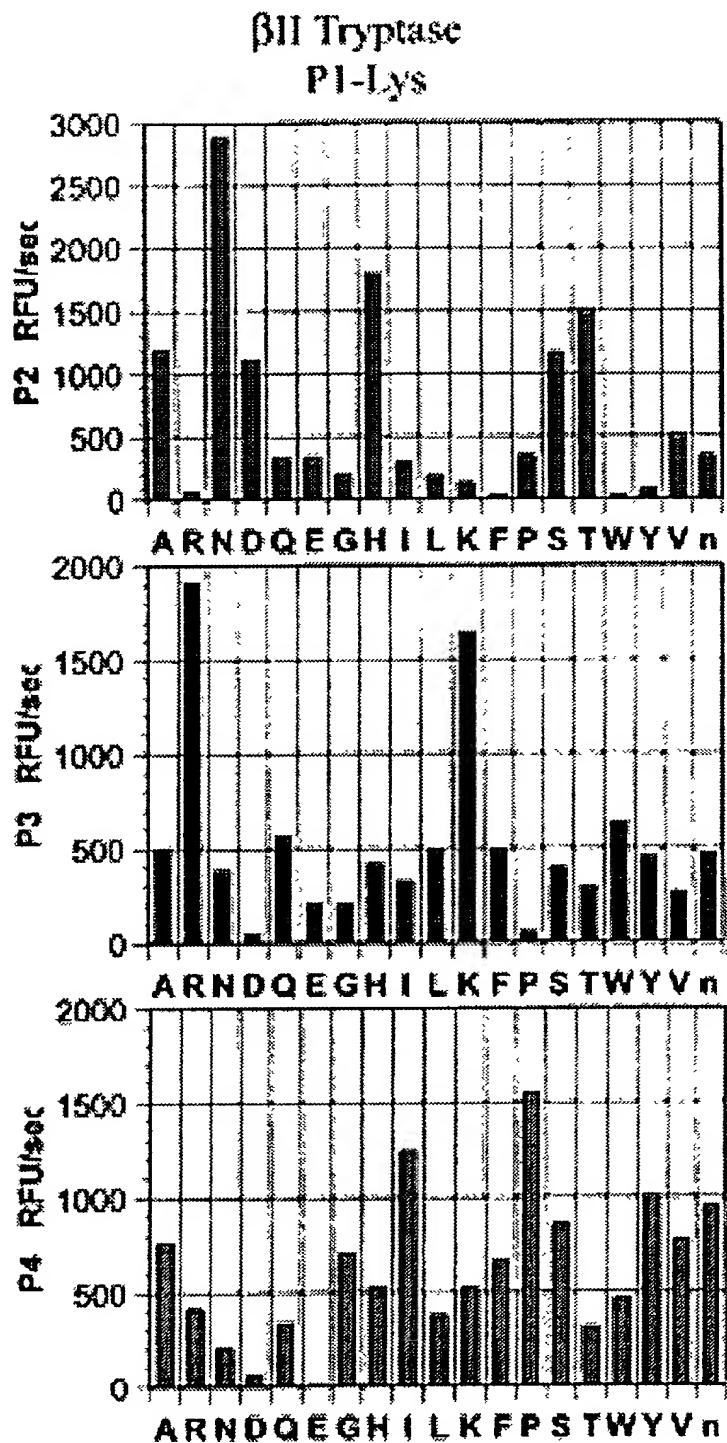
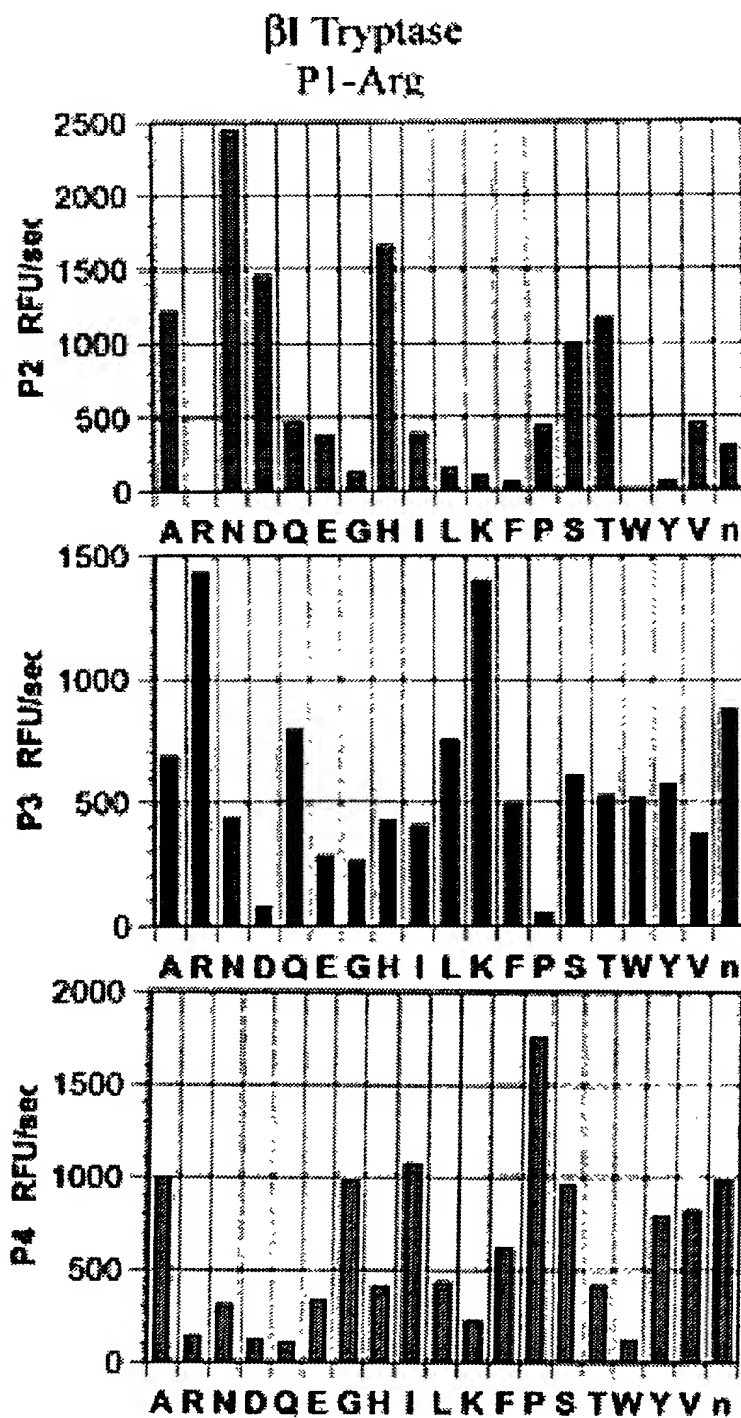


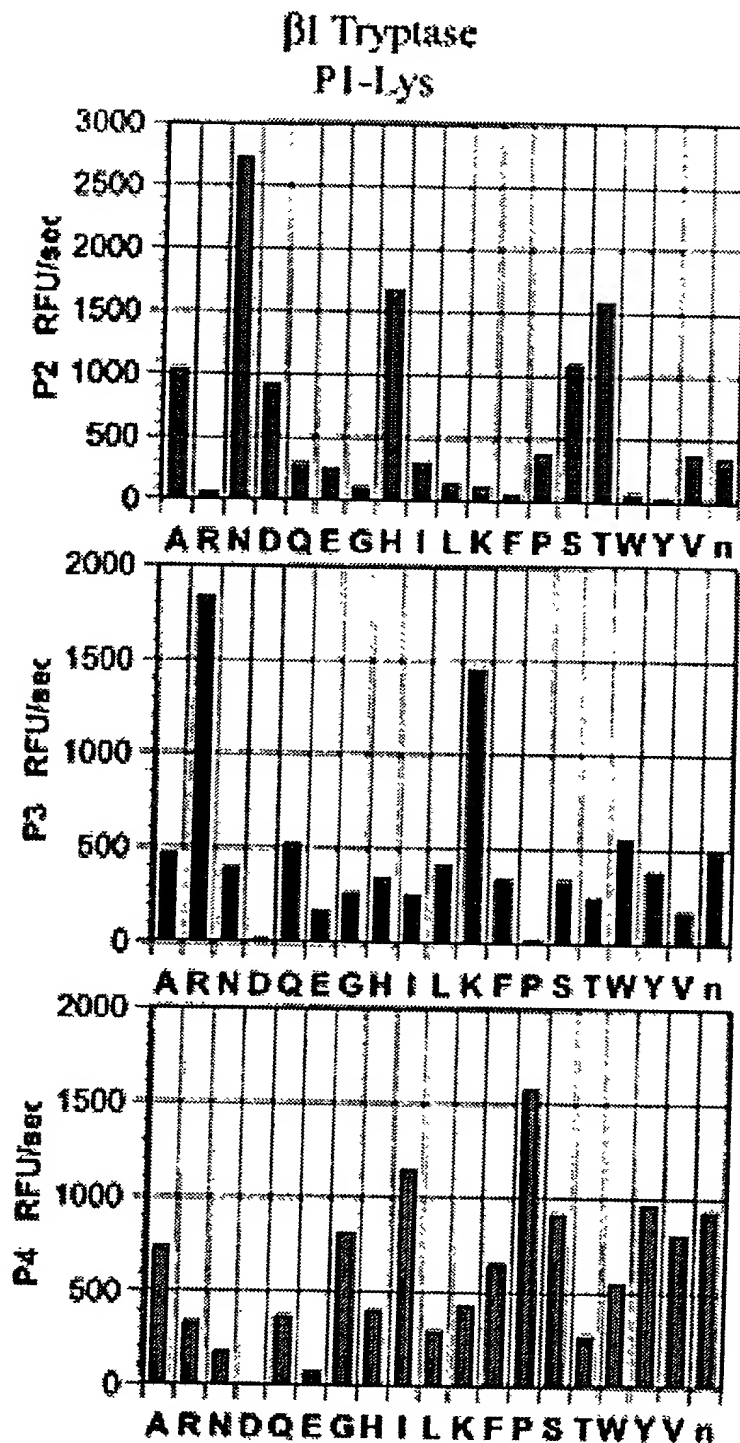
Fig. 2



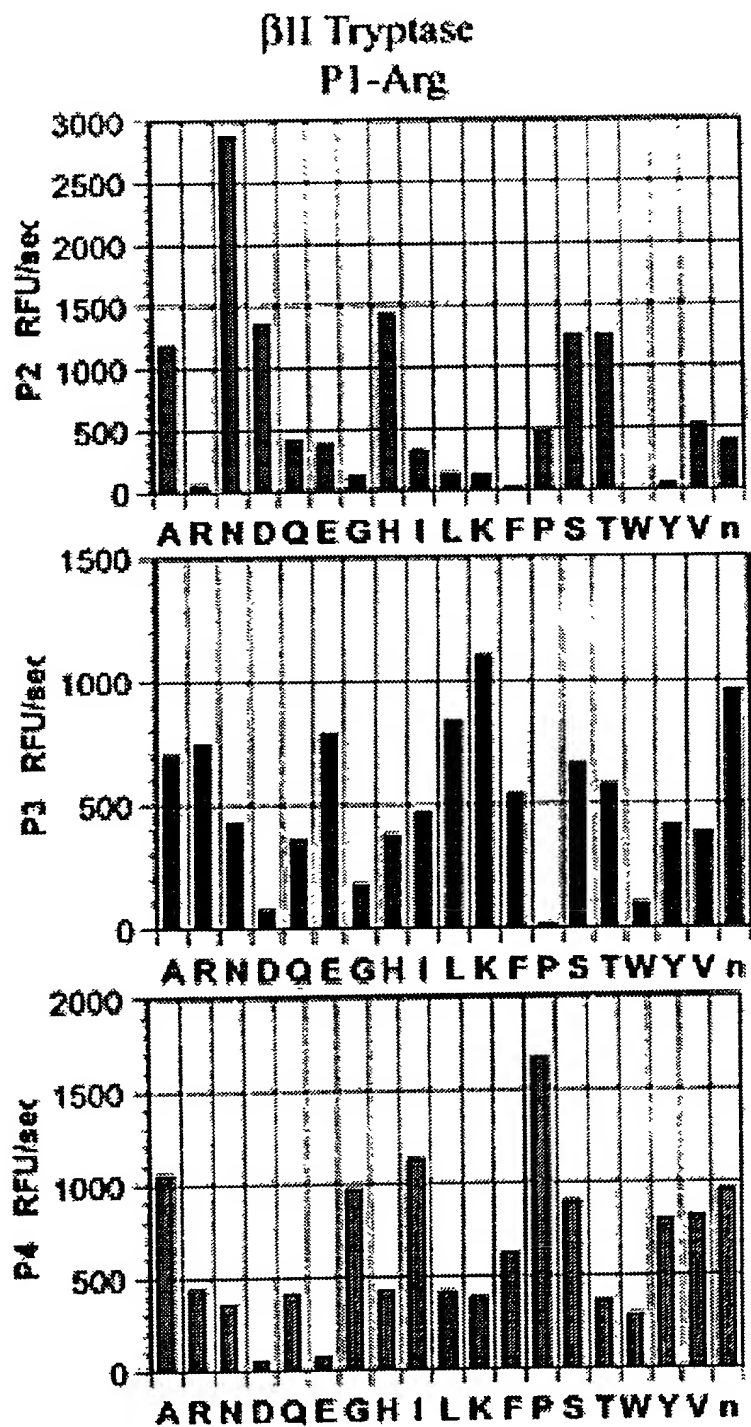
**Fig. 3a**



**Fig. 3b**



**Fig. 4a**



**Fig. 4b**

Ac-PRNK-ACC as an Optimized Trypsin Substrate  
 (Trypsin v. Factor Xa v. Human thrombin)

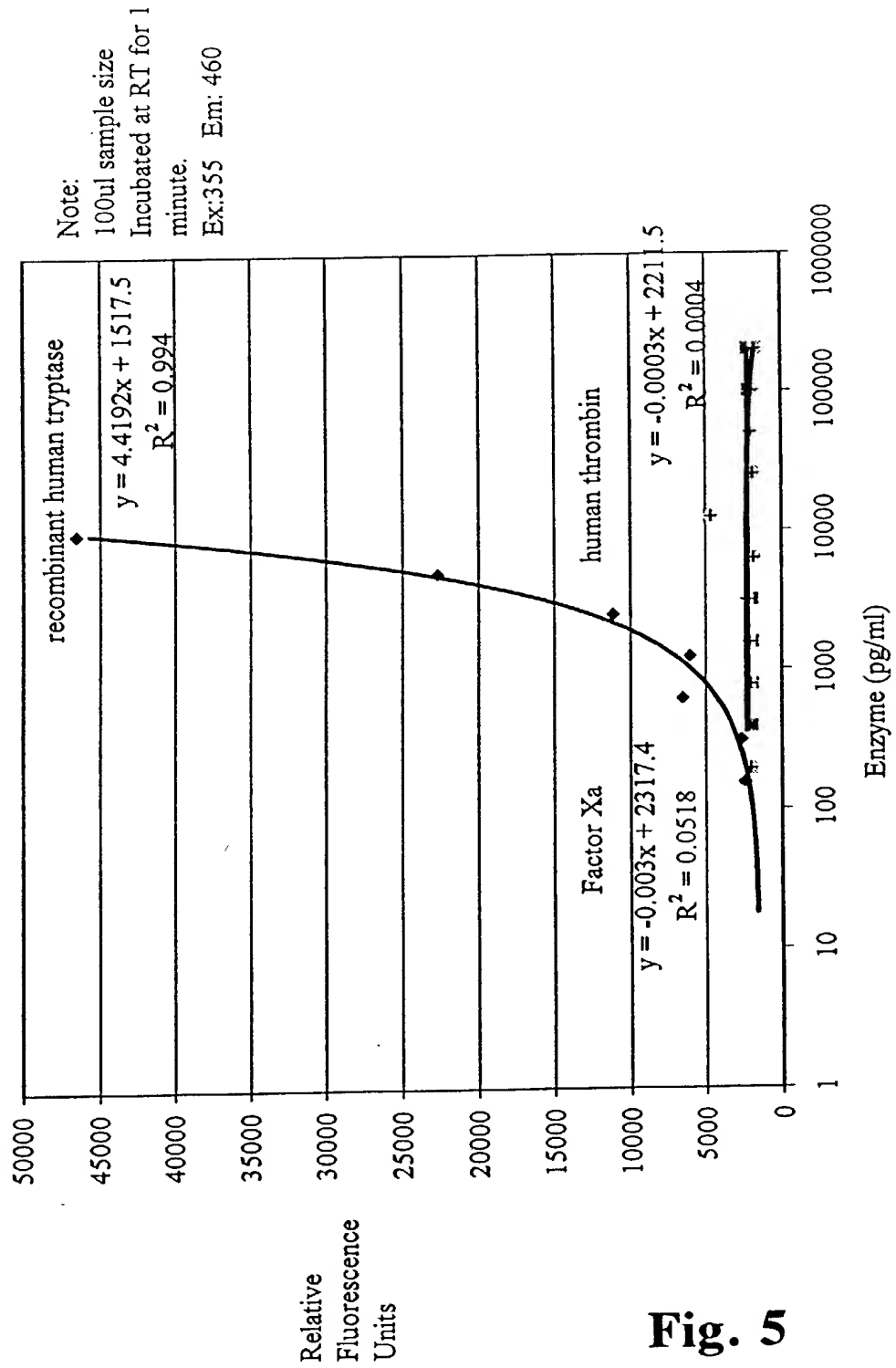
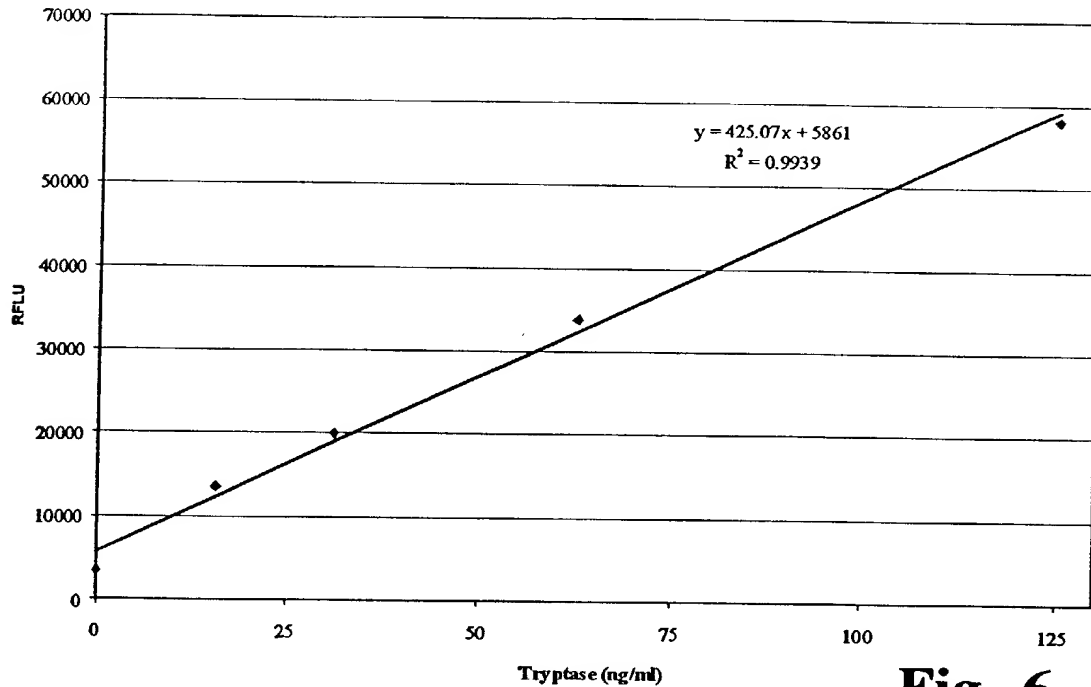
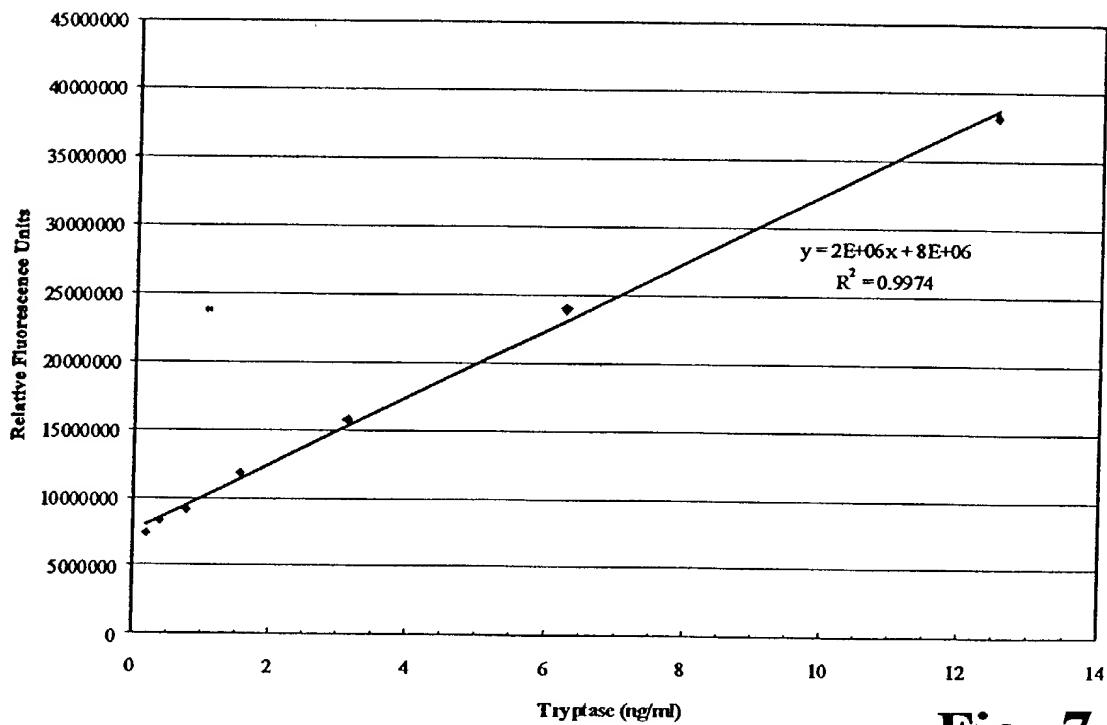


Fig. 5

**Fluorometric Tryptase Activity Assay Using Ac-PRNK-ACC in Spiked Assay Buffer**



**Fig. 6**



**Fig. 7**



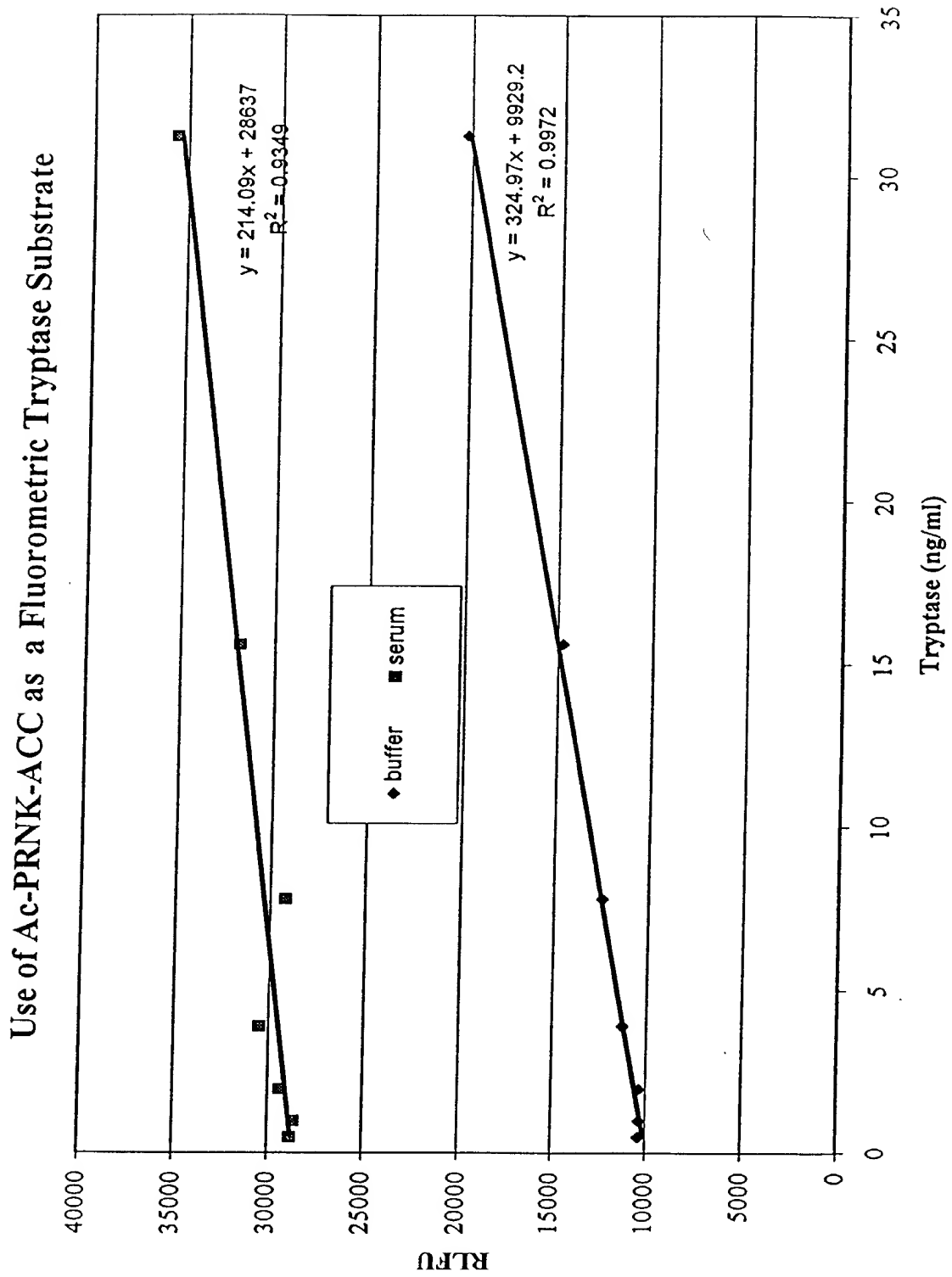


Fig. 8

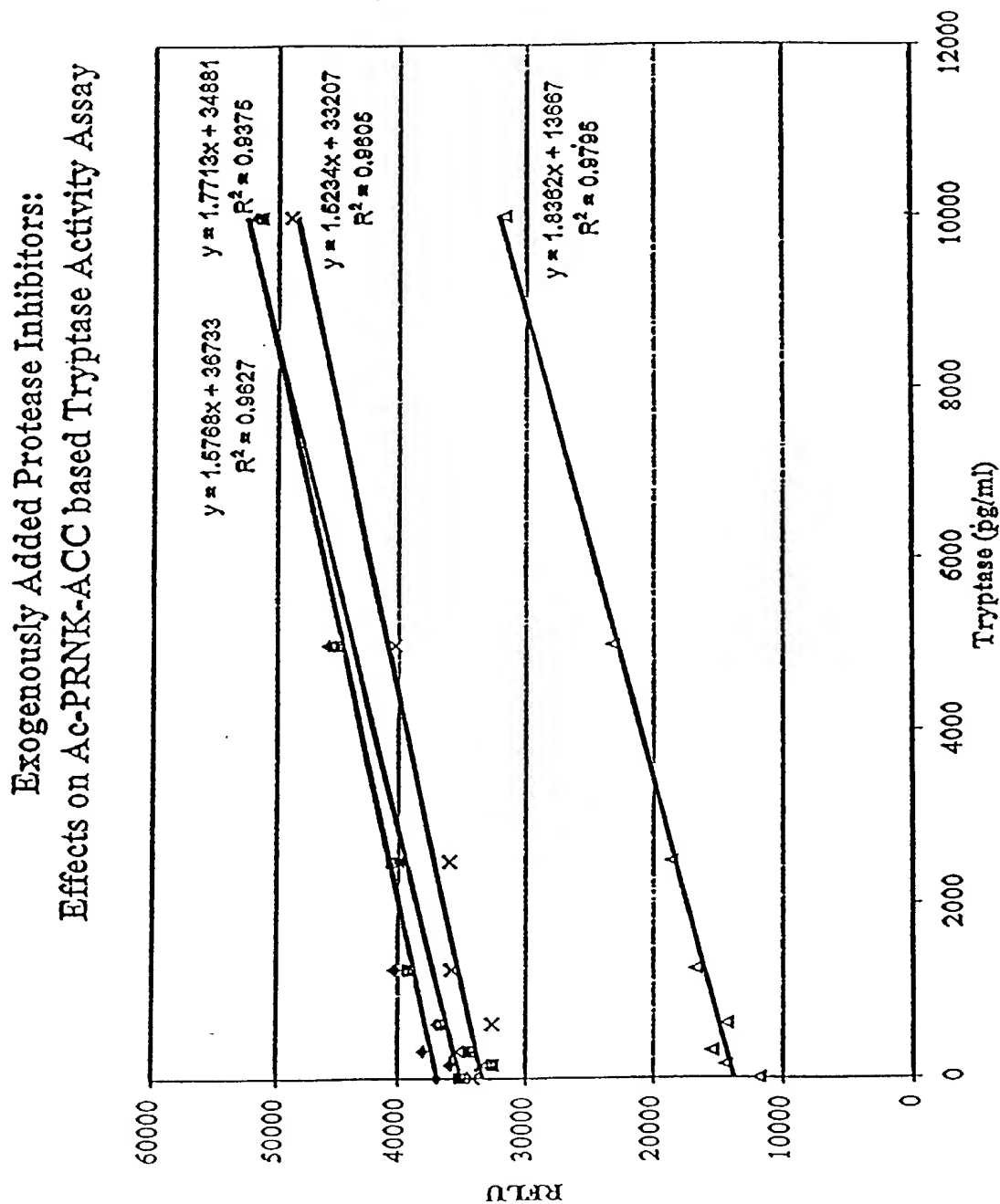


Fig. 9

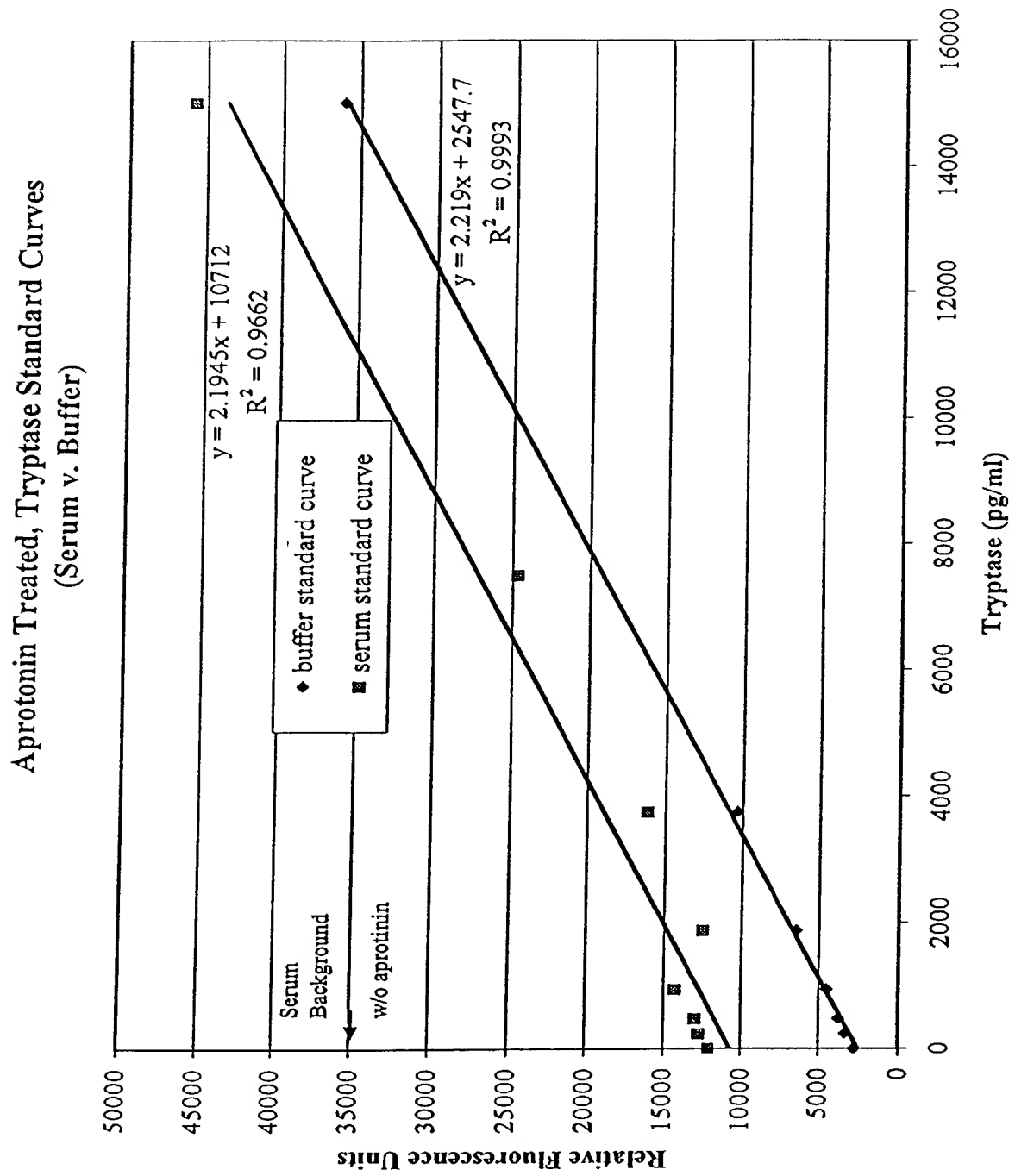
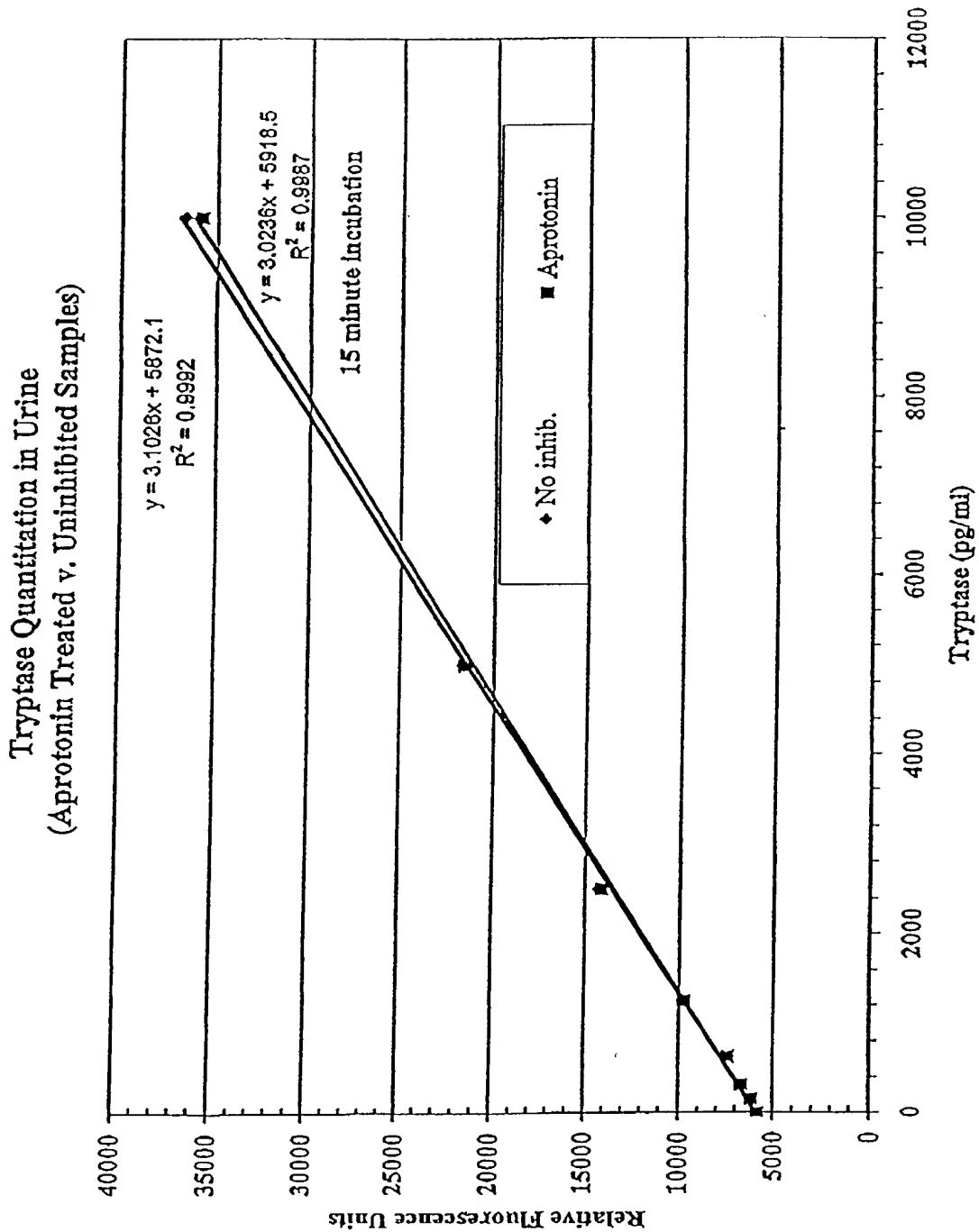
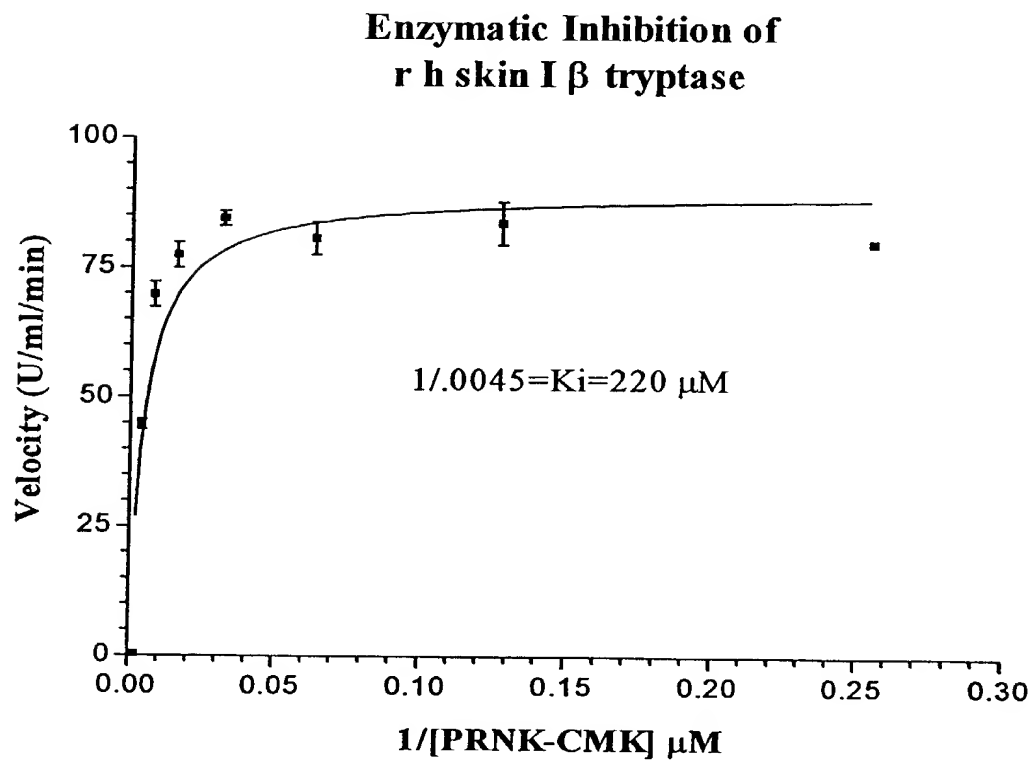


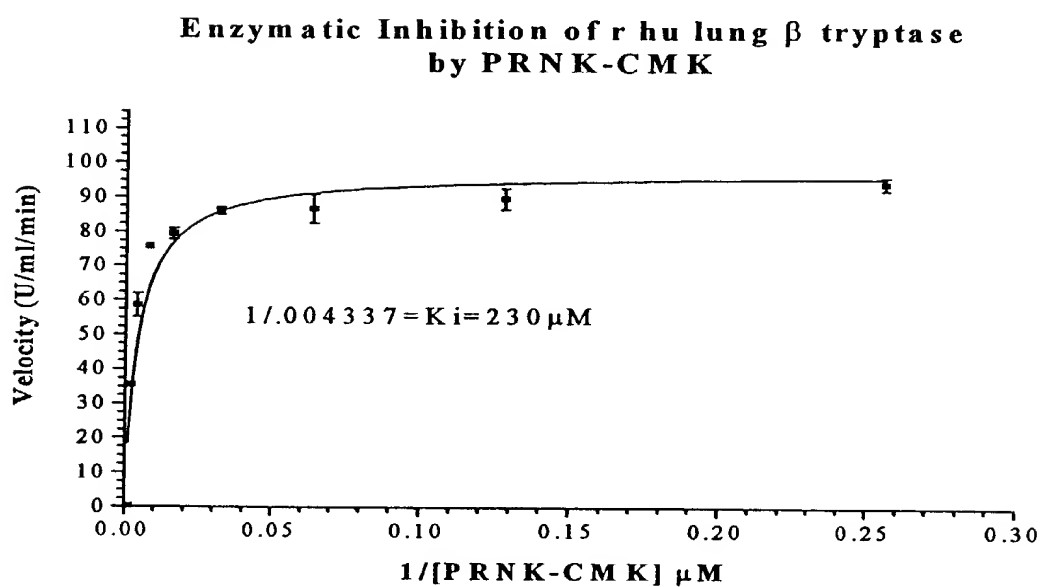
Fig. 10



**Fig. 11**



**Fig. 12**



**Fig. 13**

Enzymatic Inhibition of Factor Xa  
by PRNK-CMK

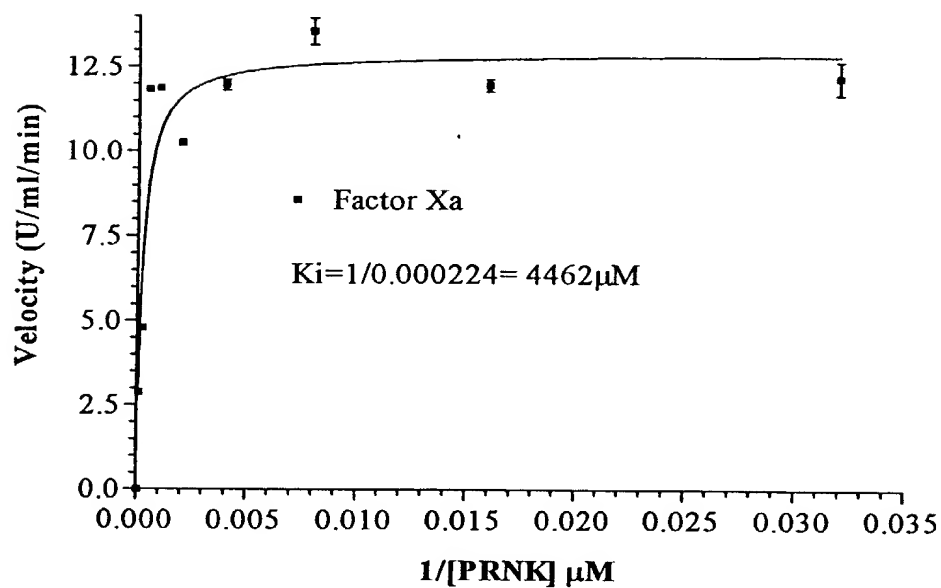


Fig. 14